

Safety Data Sheet

according to Regulation (EC) No 1907/2006

BIOZIDE**Detmol-lack D**

Revision date: 31.10.2019

Product code: 00434-0148

Page 1 of 13

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Detmol-lack D

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Pesticide

1.3. Details of the supplier of the safety data sheet

Company name: FROWEIN GmbH & Co. KG

Street: Am Reislebach 83

Place: D-72461 Albstadt

Telephone: +49 (0) 74 32-956 - 0

Telefax: +49 (0) 74 32-956 - 138

Responsible Department: Responsible for the safety data sheet: sds@gbk-ingelheim.de

1.4. Emergency telephone number:INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)
In England and Wales: NHS 111 In Scotland: NHS 24 - dial 111**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Aerosol: Aerosol 1

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Dam. 1

Respiratory or skin sensitisation: Skin Sens. 1

Specific target organ toxicity - single exposure: STOT SE 3

Hazardous to the aquatic environment: Aquatic Acute 1

Hazardous to the aquatic environment: Aquatic Chronic 1

Hazard Statements:

Extremely flammable aerosol.

Pressurised container: May burst if heated.

Causes skin irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

May cause drowsiness or dizziness.

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazard components for labelling**

n-Butyl acetate

Acetone

Butan-1-ol

Permethrin (ISO)

Signal word: Danger

Safety Data Sheet**BIOZIDE**

according to Regulation (EC) No 1907/2006

**Detmol-lack D**

Revision date: 31.10.2019

Product code: 00434-0148

Page 2 of 13

Pictograms:**Hazard statements**

| | |
|------|-------------------------------------------------------|
| H222 | Extremely flammable aerosol. |
| H229 | Pressurised container: May burst if heated. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H336 | May cause drowsiness or dizziness. |
| H410 | Very toxic to aquatic life with long lasting effects. |

Precautionary statements

| | |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. |
| P261 | Avoid breathing vapour. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P312 | Call a POISON CENTER/doctor if you feel unwell. |
| P273 | Avoid release to the environment. |

Labelling of packages where the contents do not exceed 125 ml**Signal word:** Danger**Pictograms:****Hazard statements**

H222-H229-H317-H318

Precautionary statements

P210-P211-P251-P410+P412-P261-P280-P302+P352-P305+P351+P338

2.3. Other hazards

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

Vapours may form explosive mixture with air.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Preparation in organic solvents

Safety Data Sheet

BIOZIDE

according to Regulation (EC) No 1907/2006



Detmol-lack D

Revision date: 31.10.2019

Product code: 00434-0148

Page 3 of 13

Hazardous components

| CAS No | Chemical name | | | Quantity |
|------------|------------------------------------------------------------------------------------------------------------|--------------|------------------|----------|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 115-10-6 | Dimethyl ether | | | < 35 % |
| | 204-065-8 | 603-019-00-8 | 01-2119472128-37 | |
| | Flam. Gas 1, Liquefied gas; H220 H280 | | | |
| 123-86-4 | n-Butyl acetate | | | < 20 % |
| | 204-658-1 | 607-025-00-1 | 01-2119485493-29 | |
| | Flam. Liq. 3, STOT SE 3; H226 H336 EUH066 | | | |
| 67-64-1 | Acetone | | | < 15 % |
| | 200-662-2 | 606-001-00-8 | 01-2119471330-49 | |
| | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066 | | | |
| 1330-20-7 | Xylene (mixed isomers) | | | < 15 % |
| | 215-535-7 | 601-022-00-9 | 01-2119486136-34 | |
| | Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Asp. Tox. 1; H226 H332 H312 H315 H304 | | | |
| 71-36-3 | Butan-1-ol | | | < 10 % |
| | 200-751-6 | 603-004-00-6 | 01-2119484630-38 | |
| | Flam. Liq. 3, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, STOT SE 3, STOT SE 3; H226 H302 H315 H318 H335 H336 | | | |
| 108-94-1 | Cyclohexanone | | | < 10 % |
| | 203-631-1 | 606-010-00-7 | 01-2119453616-35 | |
| | Flam. Liq. 3, Acute Tox. 4; H226 H332 | | | |
| 100-41-4 | Ethyl benzene | | | < 10 % |
| | 202-849-4 | 601-023-00-4 | 01-2119489370-35 | |
| | Flam. Liq. 2, Acute Tox. 4, STOT RE 2, Asp. Tox. 1, Aquatic Chronic 3; H225 H332 H373 H304 H412 | | | |
| 107-98-2 | 1-Methoxy-2-propanol | | | < 5 % |
| | 203-539-1 | 603-064-00-3 | 01-2119457435-35 | |
| | Flam. Liq. 3, STOT SE 3; H226 H336 | | | |
| 52645-53-1 | Permethrin (ISO) | | | < 5 % |
| | 258-067-9 | 613-058-00-2 | | |
| | Acute Tox. 4, Acute Tox. 4, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H332 H302 H317 H400 H410 | | | |
| 108-10-1 | 4-Methylpentan-2-one | | | < 5 % |
| | 203-550-1 | 606-004-00-4 | 01-2119473980-30 | |
| | Flam. Liq. 2, Acute Tox. 4, Eye Irrit. 2, STOT SE 3; H225 H332 H319 H335 EUH066 | | | |
| 23031-36-9 | Prallethrin (ISO) | | | < 1 % |
| | 245-387-9 | 607-431-00-9 | | |
| | Acute Tox. 3, Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 1; H331 H302 H400 H410 | | | |
| 51-03-6 | Piperonyl butoxide | | | < 1 % |
| | 200-076-7 | | 01-2119537431-46 | |
| | Aquatic Acute 1, Aquatic Chronic 1; H400 H410 | | | |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

BIOZIDE



Detmol-lack D

Revision date: 31.10.2019

Product code: 00434-0148

Page 4 of 13

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately.
If you feel unwell, seek medical advice.

After inhalation

Move to fresh air in case of accidental inhalation of vapours.
In the event of symptoms refer for medical treatment.

After contact with skin

Wash off immediately with plenty of water and soap for at least 15 minutes.
Consult a physician.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Consult (eye) doctor immediately.

After ingestion

Do not induce vomiting.
Rinse out mouth and give plenty of water to drink.
Never give anything by mouth to an unconscious person.
Summon a doctor immediately.
Induce vomiting only upon the advice of a physician.
Attention. Beware, danger of aspiration.

4.2. Most important symptoms and effects, both acute and delayed

Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.
May cause drowsiness or dizziness.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, dry chemical, carbon dioxide (CO₂), water-spray.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Fire may produce:
carbon monoxide and carbon dioxide
Chlorine compounds

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit.

Additional information

Vapours are heavier than air and spread along ground.
Do not release chemically contaminated water into drains, soil or surface waters. Sufficient measures must be taken to retain water used for extinguishing.
Cool containers at risk with water spray jet.
Heating will cause pressure rise with risk of bursting.

Safety Data Sheet**BIOZIDE**

according to Regulation (EC) No 1907/2006

**Detmol-lack D**

Revision date: 31.10.2019

Product code: 00434-0148

Page 5 of 13

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

In case of vapour formation use respirator.
 Use only explosion-proof equipment.
 Ensure adequate ventilation.
 Remove persons to safety.
 Use personal protective clothing.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/ground water.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).
 Shovel into suitable container for disposal.
 Clean contaminated surface thoroughly.

6.4. Reference to other sections

Observe protective instructions (see Sections 7 and 8).
 Information for disposal see section 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Do not breathe vapours and aerosols.
 In case of insufficient ventilation wear suitable respiratory equipment (gas filter type AX) (EN 14387).
 Avoid contact with the skin and the eyes.
 Use only in thoroughly ventilated areas.
 Vapours are heavier than air and spread along ground.

Advice on protection against fire and explosion

Do not smoke - volatile.
 Keep away from heat and sources of ignition.
 Take precautionary measures against static discharges.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed in a dry, cool and well-ventilated place.
 Recommended storage temperature: 0°C - 40°C
 Take precautionary measures against static discharges.

Hints on joint storage

Incompatible with:
 Oxidizing agents
 Acids and bases.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Pesticide

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Safety Data Sheet**BIOZIDE**

according to Regulation (EC) No 1907/2006

**Detmol-lack D**

Revision date: 31.10.2019

Product code: 00434-0148

Page 6 of 13

Exposure limits (EH40)

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|-----------|-----------------------|------|-------------------|-----------|---------------|--------|
| 107-98-2 | 1-Methoxypropan-2-ol | 100 | 375 | | TWA (8 h) | WEL |
| | | 150 | 560 | | STEL (15 min) | WEL |
| 108-10-1 | 4-Methylpentan-2-one | 50 | 208 | | TWA (8 h) | WEL |
| | | 100 | 416 | | STEL (15 min) | WEL |
| 67-64-1 | Acetone | 500 | 1210 | | TWA (8 h) | WEL |
| | | 1500 | 3620 | | STEL (15 min) | WEL |
| 71-36-3 | Butan-1-ol | 50 | 154 | | STEL (15 min) | WEL |
| 123-86-4 | Butyl acetate | 150 | 724 | | TWA (8 h) | WEL |
| | | 200 | 966 | | STEL (15 min) | WEL |
| 108-94-1 | Cyclohexanone | 10 | 41 | | TWA (8 h) | WEL |
| | | 20 | 82 | | STEL (15 min) | WEL |
| 115-10-6 | Dimethyl ether | 400 | 766 | | TWA (8 h) | WEL |
| | | 500 | 958 | | STEL (15 min) | WEL |
| 100-41-4 | Ethylbenzene | 100 | 441 | | TWA (8 h) | WEL |
| | | 125 | 552 | | STEL (15 min) | WEL |
| 1330-20-7 | Xylene: mixed isomers | 50 | 220 | | TWA (8 h) | WEL |
| | | 100 | 441 | | STEL (15 min) | WEL |

Biological Monitoring Guidance Values (EH40)

| CAS No | Substance | Parameter | Value | Test material | Sampling time |
|-----------|-------------------------------------|-----------------------------------|--------------|---------------|---------------|
| 1330-20-7 | Xylene, o-, m-, p- or mixed isomers | methyl hippuric acid (creatinine) | 650 mmol/mol | urine | Post shift |
| 108-94-1 | Cyclohexanone | cyclohexanol (creatinine) | 2 mmol/mol | urine | Post shift |
| 108-10-1 | 4-methylpentan-2-one | 4-methylpentan-2-one | 20 µmol/L | urine | Post shift |

8.2. Exposure controls**Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Wash hands before breaks and immediately after handling the product.

When using do not eat, drink or smoke.

Take off immediately all contaminated clothing.

Avoid contact with skin, eyes and clothing.

Do not breath vapours or spray mist.

Eye/face protection

Tightly fitting goggles (EN 166).

Eye wash bottle with pure water (EN 15154).

Hand protection

Protective gloves resistant to chemicals made off butyl, minimum coat thickness 0.7 mm, permeation

Safety Data Sheet**BIOZIDE**

according to Regulation (EC) No 1907/2006

**Detmol-lack D**

Revision date: 31.10.2019

Product code: 00434-0148

Page 7 of 13

resistance (wear duration) > 30 minutes, i.e. protective glove <Butoject 898> made by www.kcl.de.
 Protective gloves resistant to chemicals made off natural-rubber latex, minimum coat thickness 0.6 mm,
 permeation resistance (wear duration) approx. 10 minutes, i.e. protective glove <Lapren 706> made by
 www.kcl.de.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374
 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the
 recommendations given by the manufacturer of protective gloves.

Skin protection

Wear standard protective suit (plant protection) when spreading/handling the product (CE 93 0120).

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type AX) (EN 14387).

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|-----------------|----------------|
| Physical state: | Aerosol |
| Colour: | clear |
| Odour: | Characteristic |

| | |
|-----------|------|
| pH-Value: | n.d. |
|-----------|------|

Changes in the physical state

| | |
|----------------|------|
| Melting point: | n.d. |
|----------------|------|

| | |
|------------------------------------------|------|
| Initial boiling point and boiling range: | n.d. |
|------------------------------------------|------|

| | |
|--------------------|------|
| Sublimation point: | n.a. |
|--------------------|------|

| | |
|------------------|------|
| Softening point: | n.d. |
|------------------|------|

| | |
|--------------|-------------|
| Flash point: | - 41 °C (*) |
|--------------|-------------|

Flammability

| | |
|--------|------|
| Solid: | n.a. |
|--------|------|

| | |
|------|------|
| Gas: | n.a. |
|------|------|

Explosive properties

The product is considered non-explosive; nevertheless explosive vapour/air mixture can be generated.

| | |
|-------------------------|--------------|
| Lower explosion limits: | 3 vol. % (*) |
|-------------------------|--------------|

| | |
|-------------------------|---------------|
| Upper explosion limits: | 17 vol. % (*) |
|-------------------------|---------------|

| | |
|-----------------------|------------|
| Ignition temperature: | 350 °C (*) |
|-----------------------|------------|

Auto-ignition temperature

| | |
|--------|------|
| Solid: | n.a. |
|--------|------|

| | |
|------|------|
| Gas: | n.a. |
|------|------|

Oxidizing properties

Not oxidising.

| | |
|--------------------------------|--------------|
| Vapour pressure: (at 25 °C) | 4910 hPa (*) |
|--------------------------------|--------------|

| | |
|----------|------|
| Density: | n.d. |
|----------|------|

| | |
|---------------|------|
| Bulk density: | n.a. |
|---------------|------|

| | |
|-------------------|------|
| Water solubility: | n.d. |
|-------------------|------|

Safety Data Sheet**BIOZIDE**

according to Regulation (EC) No 1907/2006

**Detmol-lack D**

Revision date: 31.10.2019

Product code: 00434-0148

Page 8 of 13

Solubility in other solvents

n.d.

Partition coefficient: n.d.

Viscosity / dynamic: n.d.

Viscosity / kinematic: n.d.

Flow time: n.d.

Vapour density: n.d.

Evaporation rate: n.d.

Solvent separation test: n.d.

Solvent content: < 60 %

9.2. Other information

(*) Dimethylether

SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and applied as directed.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reactions with acids, alkalies and oxidizing agents

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.

In use formation of flammable/explosive vapour-air mixtures possible.

10.5. Incompatible materials

oxidizing agents

Acids and bases.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

Fire may produce:

carbon monoxide and carbon dioxide

Chlorine compounds

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

No toxicological data available.

Irritation and corrosivity

Causes skin irritation.

Causes serious eye damage.

Sensitising effects

May cause an allergic skin reaction. (Permethrin (ISO))

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Safety Data Sheet**BIOZIDE**

according to Regulation (EC) No 1907/2006

**Detmol-lack D**

Revision date: 31.10.2019

Product code: 00434-0148

Page 9 of 13

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Additional information on tests

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

Practical experience**Other observations**

High concentration of vapours may cause irritation to eyes and respiratory system and produce narcotic effects.

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

Repeated exposure may cause skin dryness or cracking.

SECTION 12: Ecological information**12.1. Toxicity**

Ecological data are not available.

Very toxic to aquatic life with long lasting effects.

Permethrin (ISO)

LC50/Cyprinus carpio/96 h = 0,145 mg/l

EC50/Daphnia magna/24 h = 0,024 mg/l

EC50/Scenedesmus subspicatus/72 h > 0,022 mg/l

Prallethrin (ISO)

LC50/Oncorhynchus mykiss/96 h = 0,012 mg/l

EC50/Daphnia/48 h = 0,0062 mg/l

EC50/Selenastrum capricornutum/72 h = 2 mg/l

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

12.6. Other adverse effects

Severe hazard to waters.

Further information

Do not flush into surface water or sanitary sewer system.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Where possible recycling is preferred to disposal.

Safety Data Sheet**BIOZIDE**

according to Regulation (EC) No 1907/2006

**Detmol-lack D**

Revision date: 31.10.2019

Product code: 00434-0148

Page 10 of 13

Can be incinerated, when in compliance with local regulations.

List of Wastes Code - residues/unused products

200119 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); Pesticides; hazardous waste

List of Wastes Code - used product

150111 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers; hazardous waste

Contaminated packaging

Re-using the polluted packaging materials is not allowed.

Contaminated packagings are to be treated like the product itself.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
 Hazard label: 2.1



Classification code: 5F
 Limited quantity: 1 L / 30 kg
 Excepted quantity: E0
 Transport category: 2
 Tunnel restriction code: D

Inland waterways transport (ADN)

14.1. UN number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
 Hazard label: 2.1



Classification code: 5F
 Limited quantity: 1 L / 30 kg
 Excepted quantity: E0

Marine transport (IMDG)

14.1. UN number: UN 1950
14.2. UN proper shipping name: AEROSOLS (Prallethrin (ISO))
14.3. Transport hazard class(es): 2.1

Safety Data Sheet**BIOZIDE**

according to Regulation (EC) No 1907/2006

**Detmol-lack D**

Revision date: 31.10.2019

Product code: 00434-0148

Page 11 of 13

14.4. Packing group:

-

Hazard label:

2.1



Marine pollutant:

Yes

Limited quantity:

1000 mL / 30 kg

Excepted quantity:

E0

EmS:

F-D, S-U

Air transport (ICAO-TI/IATA-DGR)**14.1. UN number:**

UN 1950

14.2. UN proper shipping name:

AEROSOLS, FLAMMABLE

14.3. Transport hazard class(es):

2.1

14.4. Packing group:

-

Hazard label:

2.1



Limited quantity Passenger:

30 kg G

Passenger LQ:

Y203

Excepted quantity:

E0

IATA-packing instructions - Passenger:

203

IATA-max. quantity - Passenger:

75 kg

IATA-packing instructions - Cargo:

203

IATA-max. quantity - Cargo:

150 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes

**14.6. Special precautions for user**

Handle in accordance with good industrial hygiene and safety practice.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

The transport takes place only in approved and appropriate packaging.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3

2004/42/EC (VOC):

> 95%

Information according to 2012/18/EU (SEVESO III):

P3a FLAMMABLE AEROSOLS

Additional information:

E1

Safety Data Sheet**BIOZIDE**

according to Regulation (EC) No 1907/2006

**Detmol-lack D**

Revision date: 31.10.2019

Product code: 00434-0148

Page 12 of 13

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D): 3 - strongly hazardous to water

Biocide registry number: BAuA-Reg. Nr. N-85756

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 2,3,4,7,8,9,10,11,12,14,15.

Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation int rieure
 IMDG = International Maritime Code for Dangerous Goods
 IATA/ICAO = International Air Transport Association / International Civil Aviation Organization
 MARPOL = International Convention for the Prevention of Pollution from Ships
 IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
 CAS = Chemical Abstract Service
 EN = European norm
 ISO = International Organization for Standardization
 DIN = Deutsche Industrie Norm
 PBT = Persistent Bioaccumulative and Toxic
 vPvB = Very Persistent and very Bio-accumulative
 LD = Lethal dose
 LC = Lethal concentration
 EC = Effect concentration
 IC = Median immobilisation concentration or median inhibitory concentration

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

| Classification | Classification procedure |
|-------------------------|--------------------------|
| Aerosol 1; H222-H229 | On basis of test data |
| Skin Irrit. 2; H315 | Calculation method |
| Eye Dam. 1; H318 | Calculation method |
| Skin Sens. 1; H317 | Calculation method |
| STOT SE 3; H336 | Calculation method |
| Aquatic Acute 1; H400 | Calculation method |
| Aquatic Chronic 1; H410 | Calculation method |

Relevant H and EUH statements (number and full text)

H220 Extremely flammable gas.
 H222 Extremely flammable aerosol.
 H225 Highly flammable liquid and vapour.

Safety Data Sheet**BIOZIDE**

according to Regulation (EC) No 1907/2006

**Detmol-lack D**

Revision date: 31.10.2019

Product code: 00434-0148

Page 13 of 13

| | |
|--------|--------------------------------------------------------------------|
| H226 | Flammable liquid and vapour. |
| H229 | Pressurised container: May burst if heated. |
| H280 | Contains gas under pressure; may explode if heated. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)